

19971119.ba v01_n783.bam.971119 v01_n784.bam.971119

>From ???@??? Thu Nov 20 07:42:31 1997
Message-Id: <199711191923.NAA14371@sco.theporch.com>
Date: Wed, 19 Nov 1997 13:23:43 CST
Subject: BOATANCHORS digest 1783

BOATANCHORS Digest 1783

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- 11) Re. Japanese HRO
by nielw@ix.netcom.com (Niel Wiegand)
- 12) Re: "RIP-OFFS and MOUTH-OFFS"
by Ronnie Hull <w5sum@ms1.nwla.com>
- 13) Re: Re. Japanese HRO
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- 14) 390A/HQ170A sold
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by Ken Gordon <keng@uidaho.edu>
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by Paul Bernhardt <bern@ppdu.nrl.navy.mil>
26) Re: Re. Japanese HRO
by Larry Asp <larry.asp@sympatico.ca>
27) sx-71
by "James F. Wood 253-7886" <W00DJ@mail.firn.edu>
28) BC-603A F.S.
by "Ed Santavicca" <santavic@ct.picker.com>
29) Dx-100 shipping
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by WB9IOG <WB9IOG@revealed.net>
31) What's A VT-52?
by Spencer Petri <spetri@e-tex.com>
32) Fowle, Hammarlunds, Ex-wives
by Gene Katz <gkatz@motown.lmco.com>
33) Re: Dummy Load - Fill 'er up ??
by "Roberta J. Barmore" <rbarmore@indy.net>

Date: Tue, 18 Nov 1997 21:23:21 -0600 (CST)
From: Avery Comarow <acomarow@USNEWS.COM>
To: boatanchors@theporch.com
Subject: Measurements Model 59 manual
Message-ID: <199711190323.VAA23739@sco.theporch.com>

I just unearthed this perfect original manual for the Measurements Megacycle
Meter Model 59. Anybody need it? \$10 sound fair? Email please.

Avery W40GK

Date: Tue, 18 Nov 1997 11:00:44 -0500
From: "John H. England" <jengland@mail.tds.net>

To: boatanchors@theporch.com
Subject: Boatanchor Manuals Needed
Message-ID: <1.5.4.32.19971118160044.0066bb24@conc.tdsnet.com>

I purchased some new boatanchors recently and as usual the previous owner did not have the manuals for them. I need a manual on a Hallicrafters S-107, a Millen 90801 exciter/transmitter and a small gray Knight transmitter that just says: Knight 50 Watt Transmitter. If you can help it will most appreciated. I'll be glad to pay for copying and postage or alternately perhaps I have manuals that you might need since in recent time I have collected quite a few. Many thanks for your help. Keep em glowing!
de John H. England K4RIG jengland@tdsnet.com

Date: Tue, 18 Nov 1997 23:29:04 -0500
From: "Thomas A. Adams" <103360.2133@compuserve.com>
To: "INTERNET:boatanchors@theporch.com" <boatanchors@theporch.com>
Subject: Re. Japanese HRO
Message-ID: <199711182329_MC2-28B5-4E54@compuserve.com>

Greetings.

It probably wouldn't be of much technical help, but I've heard that National once issued a booklet (circa 1950s???) covering thier corporate history, which included info (pictures???) of Nazi German and Japanese copies of the HRO. I guess National counted them as a sort of a perverse endorsement of thier design and engineering expertise, as in imitation is the most sincere sort of flattery.

Anybody got a copy of this booklet? If so, I'D sure like to see a copy!
I've heard about this thing for years.

73's,

Tom, K9TA

Date: Tue, 18 Nov 1997 23:44:35 -0500 (EST)
From: PLT1032@aol.com
To: boatanchors@theporch.com
Subject: Power Supply
Message-ID: <971118234435_-894396496@mrin47>

I was in an electronics store today and picked-up what looks like an unused military power supply. (\$20)

It was manufactured by Fowler Ind. Inc. and features a power transformer with:

50-60 Hz or 400 Hz primary @ 103,113 and 123 volt taps

Secondary=390 volt c.t., 14.4 volt c.t., 12.4 c.t.

Filter choke= 5H-50vac, .19 A. D.C.-160 ohm-325 W.V.

5H- 5vac , .104A.D.C.- " " " "

Plug-in octal base filter caps

Winchester 18 pin connector

Part #614008-801

Can anyone shed some light on the original application for this unit?

Regards,

Bob Lindgren

Date: Tue, 18 Nov 1997 19:39:11 -1000
From: Jeffrey Herman <jeffreyh@hawaii.edu>
To: Glowbugs List <glowbugs@www.atl.org>
Cc: Boatanchors List <boatanchors@sco.theporch.com>,
Boatanchors II <boatanchors@listserv.tempe.gov>
Subject: Another coil form
Message-ID: <Pine.GS0.3.95q.971118192620.638C-100000@uhunix5>

For the homebrewers out there (or restorers):

I think I might have run across the perfect coil form to wind coils on: Plastic hair curlers. They come in a variety of diameters (as small as 3/16 inch), and are quite "airy" (they remind me of the minimal Air Dux forms).

The ones I have passed the microwave test (didn't heat up when bombarded with microwave oven RF).

Best of all, they're free for many of us... ("Honey, I'm missing some hair curlers!" "Oh, the cat was chewing on a few of them so I threw them out...")

73,

Jeff KH2PZ / KH6

P.S. ("Honey, we don't own a cat.")

Date: Tue, 18 Nov 1997 21:47:42 -0800
From: Ron Hershey <rhershey@europa.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: "Sonarfinder" radio info needed
Message-ID: <34727D7D.5EB13383@europa.com>

I'm looking for any information I can find on a "Sonarfinder" radio made by Sonar Radio Corp. The radio is a 7 tube portable marine band / direction finder made (best guess) in the early 50's. Tube lineup is four 1U4's, one 1U5, one 1R5 and one 3V4. The only model number I can find is on the loop antenna and is marked Sonar Radio Corp Model DF4X. The coverage is band 1 Beacon (180-390kc), band 2 Broadcast (540-1650 kc), band 3 Marine (1580-3600 kc) and band 4 Crystal (2-3 mc).

The case is aluminum with a hammertone finish about 11"w x 7"h x 10.5"d. A 12" rotatable loop antenna is mounted on top of the unit along with a signal strength meter. There is also a 10-foot collapsible whip on the side of the radio. The battery compartment has connectors for two batteries in series (marked in grease pencil on the case as type 484) and one single battery (marked as type 741). Judging from the tube lineup I would expect the type 484 to be 45V and the type 741 to be 12V (assuming the filaments are in series).

The receiver is in immaculate condition and apparently did not spend much time at sea. I would like to power it up but I am leery of burning out the filaments until I can confirm my guesses on the battery voltages. The numbers on the case appear to be Eveready type numbers but I've not been able to cross reference them.

I've checked most of the manual sellers on the net and also the Sam's website with no luck. Any info or a kindly nudge in the right direction?

Date: Wed, 19 Nov 1997 00:58:38 -0600 (CST)
From: Lurch <lurch@TheRamp.net>
To: boatanchors@theporch.com
Subject: shipping delays and hectic life
Message-ID: <1.5.4.16.19971119002944.37af42ee@mail.TheRamp.net>

I for one can vouch for the fact that life sometimes gets weird. A while ago I advertised an unbuilt Eico kit on the list and the buyer ended up waiting a couple weeks to get it (almost amonth in fact). Well, when I advertised it, I didn't plan on an hour job ripping out an unwanted closet turning into weeks of nightmare involving a complete

rewiring of the house (unfused hot bare wire ends, cut-up extension cords and lamp cord inside wood-paneled walls are a no-no in my book), reploacing every bit of paneling due to the elctrical problems (it's going to be drywall now), replacement of ALL plumbing (after replacing almost 40% of the floor decking which was necessitated by the leaky amateur plumbing done by the original owner)...and in the course of all this I found out 3 of 4 rooms have nothing between the insulation and the vinyl siding but 1/8" layer of foam.

My point here is not to bitch about my house; I merely point out that sometimes there are reasons. That there are reasons for stuff getting out of here slowly, I figure I at least owe a cursory note to the buyer letting him know there are reasons and not just a case of I'm dinking him off. Like the guy that just bought my s-line; I told him up front he'll be waiting a while, while I build custom crating for each unit (a sized mini-pallet with the unit strapped down between two layers of foam, and then a crate built around the whole thing. It may take me a week to build and him a half-hour to open, but by the deity they'll arrive in the same state as I shipped 'em! I owed him that explanation though because I know what it's like to wait impatiently for the UPS guy...

Anyway, I've rambled far enough. A little more consideration of the other guy's perspective combined with a little more keeping the other guy up to date by all concerned would avoid most situations where there's animosity such as has been seen lately, which was the original point I meant to make.

Date: Wed, 19 Nov 1997 01:54:32 -0500 (EST)
From: MRogers726@aol.com
To: nq5t@gte.net
Cc: boatanchors@theporch.com
Subject: Re: Ripped off by Hammarlund Guy - Robert Fowle
Message-ID: <971119015431_278052391@mrin47>

I'll keep it short, since I'm probably the 400th guy to say something, unless the 399 others are still to follow. I know Fowle, as do many others who have been around the BA lists for a while. It is most unlikely that he has intentionally done anything to "rip off" anyone, and would be extremely out of character for him. Maybe he made a mistake, or maybe he forgot something, maybe. It is generally not so wise to be so distrustful of your fellow list members that you immediately presume anyone who posts an "I was ripped off" message, was actually ripped off of anything. Generally, this breed tends to have had too much "jerk" in their ripping good soup and fails to look into the mirror very often

I appreciate your thoughts--the jury is out--two people initially groused when I sent the message -then one recinded reducing it to one persons experience I'm sure glad though that I don't have any Hammerlund stuff to flog--Maybe his xyl got his computer also! Michael

Date: Wed, 19 Nov 1997 05:31:54 -0600 (CST)
From: arc5@ix.netcom.com
To: boatanchors@sco.theporch.com
Subject: "RIP-OFFS and MOUTH-OFFS"
Message-ID: <1997111953044415724@>

I haven't had a chance to write much for the list lately, but I'm asking Kay to hold dinner for this one. I've been thinking of it for a long while. It's time for me to bellow again.

Seems like if any of us offers something to sell, there's someone who wants to call him a "rip-off" artist. Probably because he didn't move quick enough or make contact often enough for the name-caller's liking. Many people on this list that I know and have done deals with many times have been accused of being a "scammer," and so, by the way, have I. That despicable trash needs to stop.

None of us is "in business" selling boatanchors. We have families. We have jobs. We have all the same problems that eat up our time and attention that every blasted one of the name-callers has and more. We also love boatanchors and work at saving them from the cussed trash heap. This cost lots of money and, more importantly, precious, irreplaceable TIME. I have a job that presently takes 12 hours a day, six days a week, leaving me *one* day for my wife and three small children. I might get three hours a week to work on boatanchors, and then not all at once. It might take me weeks or even a couple of months to complete a transaction. That doesn't make me a "con-man." It makes me a busy family man.

The name-callers have not a clue of what demons plague Bob, me or any other person who occasionally sells an item here. They have no place smearing and slandering people. I've done many deals with Bob and EVERY ONE was just as he promised. I know EXACTLY what it's like to be bound-up with the cares of living and unable to be johnny-on-the-spot about boatanchors. Guess what? --Boatanchors are way down the list of life's priorities, friends.

So get over it.

"Nuf Said"

Dave Stinson AB5S
arc5@ix.netcom.com

Date: Wed, 19 Nov 1997 07:16:13 -0500
From: "ROBERT W DOWNS, WA5CAB" <RWDowns_WA5CAB@compuserve.com>
To: BOATANCHORS <boatanchors@theporch.com>
Subject: AN/TRA-7 "RED" & "BLUE" CABLES
Message-ID: <199711190716_MC2-28B8-2B85@compuserve.com>

Group,

Last Christmas, I picked up a box of misc cables from K5JV that I'm finally getting around to going through. I've come across what I think are the cables described only (so far as I can find) as the "Red" and "Blue" cables in the manual for the AN/TRA-7 (p/o AN/GRC-26). Both have AN3108-14S-2P connectors both ends. Cord is fair to poor, but the tags and plugs plus some SO cable would make an authentic cable set. Anyone need them? =

73, Robert W. Downs, WA5CAB
RWDowns_WA5CAB@compuserve.com
Houston, TX

Date: Wed, 19 Nov 1997 06:30:56 -0600 (CST)
From: nielw@ix.netcom.com (Niel Wiegand)
To: boatanchors@theporch.com
Subject: Re. Japanese HRO
Message-ID: <199711191230.GAA24998@dfw-ix6.ix.netcom.com>

I've reproduced this book on my "Radio Bay" web site at
<http://www.io.com/~nielw/index.htm> see the 50th Anniversary Album.

The Japanese rcvr shown has an HRO style dial but no coil drawer. The caption doesn't say it is an HRO copy but strongly implies it.

73, Niel-WA5VLZ

You wrote:

>

I've heard that

>National once issued a booklet (circa 1950s???) covering thier
corporate

>history, which included info (pictures???) of Nazi German and Japanese
>copies of the HRO.

>Anybody got a copy of this booklet? If so, I'D sure like to see a
copy!

Date: Wed, 19 Nov 1997 06:56:18 -0600

From: Ronnie Hull <w5sum@ms1.nwla.com>

To: boatanchors@theporch.com

Subject: Re: "RIP-OFFS and MOUTH-OFFS"

Message-ID: <1.5.4.16.19971119075937.21479cd6@ms1.nwla.com>

Right on Dave, I agree with every word.

you should have posted this to some of the other lists

Now.. about those BC375 parts... LOL

Ronnie

=====

W5SUM

Ronnie Hull

3131 Meadow Parkway dr.

Shreveport, La 71108

=====

Date: Wed, 19 Nov 1997 05:46:31 -0600 (CST)

From: Kevin Pease <hamradio@mm1001.theporch.com>

To: "Thomas A. Adams" <compuserve.com!103360.2133@mm1001.theporch.com>

Cc: Old Tube Radios <theporch.com!boatanchors@mm1001.theporch.com>

Subject: Re: Re. Japanese HRO

Message-ID: <Pine.LNX.3.95.971119054336.468B-1000000@mm1001.theporch.com>

On Tue, 18 Nov 1997, Thomas A. Adams wrote:

> It probably wouldn't be of much technical help, but I've heard that
> National once issued a booklet (circa 1950s???) covering thier corporate
> history, which included info (pictures???) of Nazi German and Japanese
> copies of the HRO.

The year was 1964 and the celebration was 50 years and there is an
electronic copy somewhere on the web. Just search on hro-60 and you will
stumble across it.

> Anybody got a copy of this booklet? If so, I'D sure like to see a copy!
> I've heard about this thing for years.

A friend of mine in Glenview Ill does have a copy of that brocure.

Havn't heard from you lateley Tom. Where have you been.

Kevin Pease
WB0JZG
Mount Juliet, TN.

Date: Tue, 18 Nov 1997 22:01:46 -0500
From: howellh@winthrop.edu
To: boatanchors@theporch.com
Subject: 390A/HQ170A sold
Message-ID: <97111822014673@winthrop.edu>

WINTHROP UNIVERSITY

Electronic Mail Message

Date: 18-Nov-1997 09:59pm EST
From: Haney Howell
HOWELLH
Dept: Mass Communication
Tel No: 323-4534

TO: Remote Addressee (_smtp%"boatanchors@theporch.com")

Subject: 390A/HQ170A sold

They went fast. Thanks for the enquires. The 32V3 is still in play!

Haney k2xn <howellh@winthrop.edu>

Date: Wed, 19 Nov 1997 09:18:26 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: BA <boatanchors@sco.ThePorch.com>
Subject: Japanese HRO copy
Message-ID: <Pine.SUN.3.96.971119090246.15825A-100000@indy2>

Hi!

Well, I found the photo I was thinking of, on page 114 of "Technical Topics Scrapbook" (Pat Hawker, G3VA; pub. by RSGB).

This example does have HRO-type coil drawers, offset to the right rather than centered. Knob and dial are not the PW type, rather the readout looks to be a simple drum-type on the condenser shaft.

The receiver was owned at that time by Norman Williams, G3BYG; valve line-up is like the 6V HROs--6C6, 6D6 etc.--and 'tis said to be "built to an extremely high standard, with superb workmanship and great attention to detail. It must have cost far more to manufacture than the original!"

Power supply (described as "modified") is a simple cube sporting a pair of meters and two rotary switches.

These receivers are uncommon; while there are undoubtedly several in the UK (and more elsewhere), there's a slight chance this is the very receiver Ben's got.

...Still recall a PW-dial "HRO clone" ascribed to Japan showing up in a QST photo way back in the 70s or 80s; dial was offset at one end of the front panel and I don't recall seeing evidence of plug-in coil drawers. That's the one that was described as being mechanically light. Have slept since then, maybe it was German; I'm sure it was an Axis power, anyway. (Anyone recall seeing an HRO clone as described and if so, where was it from?)

73,
--Bobbi

Date: Wed, 19 Nov 1997 09:54:56 -0500 (EST)
From: Nick England <nick@cs.unc.edu>
To: boatanchors@theporch.com
Subject: Dummy Load - Fill 'er up ??
Message-ID: <199711191454.JAA28300@altair.cs.unc.edu>

I recently acquired a DA-173/URM-10 Dummy Load -
also known as a 1 KW Bird Termaline model 694.

Hearing the oil slosh around inside made me wonder - how full should these things be ? This has a reservoir at the upper rear - should it be full, near full, near empty ???

BA connection - Now I can check out my Desk KW and get it on the air this winter.

73 & Have Fun,
Nick England KD4CPL nick@cs.unc.edu Univ. Of North Carolina
<http://www.cs.unc.edu/~nick> Chapel Hill NC

Date: Wed, 19 Nov 1997 09:15:46 -0600
From: David Meitzen <dmeitzen@champion.aclic.com>
To: boatanchors@theporch.com
Subject: FS R390A
Message-ID: <347302A1.79CC@aclic.com>

I have an excellent unit in 9 out of 10 condition. All meters and covers and works great. Unit has no mods or extra holes. Serial Number 1050 Mfged by Capehart on Order Number 21582-PC-61 \$450 pickup or you ship. Preference to pickup in Glen Ellyn IL 60137 west sub of Chicago. As always you can return for full refund if you don't like it.

Best Regards
Dave

Date: Wed, 19 Nov 1997 07:27:58 -0800
From: Dan Arney <kn6di@groupone.net>
To: boatanchors@theporch.com
Subject: WANTED INFO ON CHICAGO XMTR!!!
Message-ID: <3473057C.8E53D049@groupone.net>

Hi Gang I need info on the Chicago xmtr with 813 about 600Watts. Around 58/59. Who made it where I can locate a picture etc. Have QST's from 22 to present. Been looking no luck
Thanks,
Hank KN6DI
73's

Date: Wed, 19 Nov 1997 10:33:31 -0800
From: "Mike B. Feher" <n4fs@monmouth.com>
To: <nick@cs.unc.edu>, "Old Tube Radios" <boatanchors@theporch.com>
Subject: Re: Dummy Load - Fill 'er up ??
Message-ID: <199711191540.KAA18306@shell.monmouth.com>

Nick and Group -

I made a major blunder recently. I also had a nice Bird 1 KW load that I decided to mount vertically on the wall near the T-368. Must not have had enough oil. The resistor burned out at the uppermost part. It would have been probably OK to use it horizontally but if you intend to do what I did, it better be full. 73s - Mike

Mike B. Feher, N4FS
89 Arnold Blvd.
Howell, NJ, 07731
732-901-9193

Date: Wed, 19 Nov 1997 08:07:06 -0800
From: bammoore <bammoore@pacbell.net>
To: boatanchors@theporch.com
Cc: n4mw@classic.msn.com
Subject: Old F.M. BA's
Message-ID: <34730EAA.56BB@pacbell.net>

Around 1966 I was living in Ogden, Utah and using the call WA7IMN. The local power company had just changed to narrow-band f.m. per FCC regs. The local Motorola shop made arrangements for the hams in the area to acquire these radios for small cost and provided help in putting them on 2-meters. They were FMTRU-41V's. Single piece narrow case 10 watt radios.

And WIDEBAND. That wideband sound was great. Hi-Fi (almost). Nothing like the tinny narrow-band sounds of today. Had it mounted behind the front seat: sure helped to keep the car warm in winter.

Mike...K6SQJ

Date: Wed, 19 Nov 1997 10:12:38 -0600
From: David Meitzen <dmeitzen@champion.aclic.com>
To: boatanchors@theporch.com
Subject: FS 75A4
Message-ID: <34730FF6.3EF4@aclic.com>

I have serial # 619 is has the standard knob and two filters 3.1khz and 500hz. No speaker. The unit is in very clean condition except for a .5 inch patched hole in rear. Looks like someone had a IF scope on the unit.

Again the cabinet is very nice. The receiver works great and has had a recent alignment. As always if you don't like it you can return for a full refund. \$725 and you ship. Not bad considering the filter alone sells for \$200.

Best Regards
Dave

Date: Wed, 19 Nov 1997 11:39:37 -0800
From: Doug Hall <dhall@jps.com>
To: boatanchors@theporch.com
Subject: Knight T-150 questions
Message-ID: <199711191939.LAA09709@Netcube.ntwrks.com>

Hi folks,

I just acquired a Knight T-150 AM/CW transmitter. Got it working last weekend, and have finished cleaning it up. I got it with the intention of giving it as a Christmas present, and I'm trying to make sure it's working "to spec" before I box it up. It puts out 100 watts on CW (60 watts or so on 6m, even!), and the screen modulator works just fine. The power transformer looks a little on the light side to me for a rig with a pair of 6146's. But I digress.

The question I have relates to the VFO. Just how good/bad was the VFO in the T-150? I really don't know what to expect. This one doesn't produce the cleanest CW note in the world, and I'm not sure how far to pursue it. The problem is not drift, it's the quality of the note. On 80 and 40m it's so-so, and above that it gets kinda "whoopy". I can only imagine what it would sound like on 6m CW. It's certainly better than, say, a Heath VF-1, which, by the way, was the first VFO I ever used with built-in band-scanning :-). Sometimes I detect an abrupt change (albeit a small one) in frequency when the key is held down for a while, although I suspect that's a different problem. Even with a crystal plugged in I can detect an ever-so-slight "whoop" on keydown, as if the oscillator is slow to start. It's not a big deal on AM, and the old rig actually sounds pretty good with a D-104 hooked to it. Better audio than my DX-60B by a good bit. I think I could drive my

SB-200 with it and hold my own on 75m.

So, Knight T-150 owners/users - what should I expect? Is the T-150 best left to AM (and occasional CW) service, or do I need to dig into the VFO and look for that T9 CW note?

It's a pretty neat little transmitter, by the way.

73,

Doug Hall, KF4KL

Raleigh, NC

Date: Wed, 19 Nov 1997 11:12:19 -0600 (CST)

From: Jake Hellbach <kk5hy@accesscom.net>

To: dhall@jps.com, Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Knight T-150 questions

Message-ID: <2.2.16.19971119111206.27e7c370@accesscom.net>

Hi Doug,

I have a Knight T-150 but have never used it on CW except for testing. I use it for AM and puts out about 100 watts PEP on voice peaks. For AM use you have As for the VFO its rock steady, I've heard stories from some other hams that this VFO drifts but I think you have to take those with a grain of salt.

73 Jake KK5HY

-----Dedicated to the care and feeding of Vintage Radio-----

Email via: kk5hy@accesscom.net

-----A.M.I. #832-----

<http://www.accesscom.net/~kk5hy>

Updated with Boatanchor links!!!!

Date: Wed, 19 Nov 1997 09:17:39 -0800 (PST)

From: Ken Gordon <keng@uidaho.edu>

To: Doug Hall <dhall@jps.com>

Cc: Old Tube Radios <boatanchors@theporch.com>

Subject: Re: Knight T-150 questions

Message-ID: <Pine.BSF.3.95.971119091318.1309D-100000@piobaire.mines.uidaho.edu>

> The question I have relates to the VFO. Just how good/bad was the VFO in
> the T-150? I really don't know what to expect. This one doesn't produce the
> cleanest CW note in the world, and I'm not sure how far to pursue it. The

> problem is not drift, it's the quality of the note. On 80 and 40m it's
> so-so, and above that it gets kinda "whoopy". I can only imagine what it
> would sound like on 6m CW. It's certainly better than, say, a Heath VF-1,
> which, by the way, was the first VFO I ever used with built-in band-scanning

Two things you might check: 1) is there noticeable white powder-like corrosion anywhere in the rig? If so, you may have parts of the shielding around the VFO compartment, or ground lugs which will exhibit a high resistance to ground. This caused noticeable "jumping" and drift in my own VF-1. Once I cleaned up the corrosion the VF-1 became VERY stable: enough so that I used it for RTTY.

2) REPLACE THE OSCILLATOR TUBE. Doing this COMPLETELY cleared up both chirp and drift in my present HG-10B.

Ken W7EKB

Date: Wed, 19 Nov 1997 12:19:00 -0500 (EST)
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
To: Dan Arney <kn6di@groupone.net>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: WANTED INFO ON CHICAGO XMTR!!!
Message-ID: <Pine.A32.3.91.971119121031.44653A-100000@ppdu.nrl.navy.mil>

Hank,

The 1957 ARRL Handbook has an article on a homebrew transmitter that puts out 600 Watts using an 813 in the final. It lists the QST articles the provide the basis for the transmitter. I have this transmitter with power supply but I did not know if it is the "Chicago" transmitter. I can send you a copy of the ARRL Handbook description and provide the QST references when I get home. Please let me know if we are talking about the same design and what information I could send you.
Sincerely, Paul Bernhardt

Work: P.A. Bernhardt	Home: Paul Bernhardt, KF4FOR
Code 6794	5704 Ridge View Dr.
Naval Research Laboratory	Alexandria, VA 22310
Washington, DC 20375	
Tel: 202-767-0196	703-960-9656
FAX: 202-767-0631	

On Wed, 19 Nov 1997, Dan Arney wrote:

> Hi Gang I need info on the Chicago xmtr with 813 about 600Watts. Around

> 58/59. Who made it where I can locate a picture etc. Have QST's from 22
> to present. Been looking no luck
> Thanks,
> Hank KN6DI
> 73's
>
>
>

Date: Wed, 19 Nov 1997 12:43:09 -0500
From: Larry Asp <larry.asp@sympatico.ca>
To: hamradio@mm1001.theporch.com
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Re. Japanese HRO
Message-ID: <3473252D.648A@sympatico.ca>

Kevin Pease wrote:

>
> On Tue, 18 Nov 1997, Thomas A. Adams wrote:
>
> > It probably wouldn't be of much technical help, but I've heard that
> > National once issued a booklet (circa 1950s???) covering thier corporate
> > history, which included info (pictures???) of Nazi German and Japanese
> > copies of the HRO.
>
> The year was 1964 and the celebration was 50 years and there is an
> electronic copy somewhere on the web. Just search on hro-60 and you will
> stumble across it.
>
> > Anybody got a copy of this booklet? If so, I'D sure like to see a copy!
> > I've heard about this thing for years.
>
> A friend of mine in Glenview Ill does have a copy of that brochure.
>
> Havn't heard from you lately Tom. Where have you been.
>
> Kevin Pease
> WB0JZG
> Mount Juliet, TN.

If anyone has information on the Japanese HRO (hello with an roe in it),
its Fred Hammond, at the Hammond Radio Museum in Guelph. Ont. Theres one
sitting there, has been for yearss. Neat looking radio. You could get in
touch with him through telephone informatation, or through the Hammond
Manufacturing Co.

Date: Wed, 19 Nov 1997 13:15:27 -0500 (EST)
From: "James F. Wood 253-7886" <WOODJ@mail.firn.edu>
To: boatanchors <boatanchors@theporch.com>
Subject: sx-71
Message-ID: <D2231ZXCUIZ0GK*/R=FIRNVX/R=A1/U=WOODJ/@MHS>

I have a change to get a SX-71 which I am not familiar with, anyone help me out here. Any info at all

Thanks

Jim

N4ACS

woodj@mail.firn.edu

Date: Wed, 19 Nov 1997 13:20:24 -0500
From: "Ed Santavicca" <santavic@ct.picker.com>
To: boatanchors@theporch.com
Subject: BC-603A F.S.
Message-ID: <26C3EDF3126@ct1.ct.picker.com>

Hi guys,

Anyone interested in a BC-603A? A friend of mine has one he acquired through a bulk purchase and he has no use for it. It's in good condition but not collector quality condition. It's a 20-28 mhz FM receiver with 10 preset push buttons and a continuous tune knob, with a home brew AC power supply added on the rear. The oscillator was moved to double the receive frequency, now about 40-60 mhz. Works very good with good stability and sensitivity.

Neither one of us have any idea what it is worth. Let me know if your interested. It would be ashame to let this rig sit unused.

Ed Santavicca

73 de

AA8TV

santavic@ct.picker.com

Date: Wed, 19 Nov 1997 10:20:16 -0800
From: "W6WUH Larry" <rau@wco.com>
To: <stever@cybercomm.net>
Cc: "boatanchors" <boatanchors@theporch.com>
Subject: Dx-100 shipping
Message-ID: <199711191820.KAA11547@shell.wco.com>

Steve... I would strongly consider double boxing or crating and sending on a pallet motor express.. ups routinely drops these things from as high as 10 feet off conveyor belts onto cement floors... I have seen this happening at my ups distribution center....not a good thing for a 105 pound DX-100.

Larry W6WUH

Date: Wed, 19 Nov 1997 12:40:28 -0800
From: WB9IOG <WB9IOG@revealed.net>
To: WOODJ@mail.firn.edu
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: sx-71
Message-ID: <34734EBC.2C2@REVEALED.NET>

James F. Wood 253-7886 wrote:

>
> I have a change to get a SX-71 which I am not familiar with, anyone help me
> out here. Any info at all
> Thanks
> Jim
> N4ACS
> woodj@mail.firn.edu

Jim

The SX 71 is one of my favorites.

Sold 1950-1955 for \$199.50

Covers .56-24.0 +46.-56. KC in 5 bands

11 tubes most are easy to get + regulator and rectifier tubes

If 455 & 2.075

3.2 & 500 ohm output sounds really good when up to snuff.

Bandspread, xtal filter, AM,CW, NBFM and a variable BFO for SSB as I recall.

Relatively easy to restore has two very large horizontal dial plates.

Mike

Le Claire, Ia

Date: Wed, 19 Nov 1997 12:52:36 -0600 (CST)
From: Spencer Petri <spetri@e-tex.com>
To: boatanchors@theporch.com
Subject: What's A VT-52?
Message-ID: <199711191852.MAA13582@sco.theporch.com>

?

Thanks,

73 de Pete WA5JCI EM21 "the future will be better tomorrow"

.....
6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC #361/626 Grids
.....
2 Mtr -- 36 States -- VUCC #346/183 Grids

Date: Wed, 19 Nov 1997 14:02:46 -0800
From: Gene Katz <gkatz@motown.lmco.com>
To: boatanchors@theporch.com
Subject: Fowle, Hammarlunds, Ex-wives
Message-ID: <34736206.3CBF@motown.lmco.com>

Don't damn all ex-wives, but double damn their attorneys. Their attorneys are the real villains; i.e., they deprive us of our cash so we can't afford the inflated prices of BAs!!

Date: Wed, 19 Nov 1997 14:13:29 -0500 (EST)
From: "Roberta J. Barmore" <rbarmore@indy.net>
To: "Mike B. Feher" <n4fs@monmouth.com>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: Dummy Load - Fill 'er up ??
Message-ID: <Pine.SUN.3.96.971119140040.22939B-100000@indy2>

Hi, Gang!

Ummm, in general (and I quote), Bird Termaline resistors are "designed for operation in a horizontal position only, with the mounting brackets down. Do not operate in any other manner." !!!

They're not kidding. There's a vent on top near the front, and the oil

level is such that when the thing is vertical, the oil level is just shy of the vent (thus you can replace the resistor even if the shipping plug is lost). But that means the connector end of the resistor is outta the oil! This is a bad thing, and it'll fail just as Mike's did if you try to run it vertically.

A Bird is not a Cantenna--but it's familiarity with Cantenna-type designs that makes this an easy mistake. Alas, Bird came up with something trickier than a paint can; it'll handle more power in about the same volume but it is not without some "gotchas," most having to do with keeping the oil where it should be.

The other biggies are having the shipping plug in during use (BOOM!) and turning the thing upside down with the vent plug in place--especially nasty if it's in a bunch of hamfest loot in the back seat of your car. (Yeeeech!).

FWIW, the shipping plug is usually red and definitely solid; vent plug is taller and, well, it looks like a vent plug. Shouldn't be surprised if Bird would sell a person a new one; they also sell replacement load resistor assemblies for many of their loads, the prices of which you might wanna sit down before hearing. Still less than a whole new load, however.

73,
--Bobbi

End of BOATANCHORS Digest 1783

>From ???@??? Thu Nov 20 07:43:12 1997
Message-Id: <199711200304.VAA24803@sco.theporch.com>
Date: Wed, 19 Nov 1997 21:04:25 CST
Subject: BOATANCHORS digest 1784

BOATANCHORS Digest 1784

Topics covered in this issue include:

- 1) FS/TRADE 801A, 866A & 6080
by DEE ALMQUIST <w4pnt@rica.net>
- 2) Possible ripoff of a Large German set
by Gene Katz <gkatz@motown.lmco.com>
- 3) FOR TRADE: manuals and control boxes
by "Ian Abbott" <ian@gene.COM>
- 4) Bye and Bye dat radio she's gonna come
by "W6WUH Larry" <rau@wco.com>
- 5) Re: What's A VT-52?

- by Ethan Emeson <ethan@olywa.net>
- 6) No more wives,fowler,ad nauseum
by "W6WUH Larry" <rau@wco.com>
- 7) National Union NL-716 toob
by Michael Hanz <AAFRadio@erols.com>
- 8) ripped
by Jay Coward <jayc@hpcmr42.sj.hp.com>
- 9) AUDIBLE DIFFERENCES
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 10) AM REPEATERS
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 11) SELENIUM RECTIFIERS
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 12) AM VS. DSB
by JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
- 13) On the air with separate Rx and Tx
by BOB RAGAIN <RAGAIN@hubvx6.sedalia.wireline.slb.com>
- 14) Re: AM VS. DSB
by "Grant Youngman" <nq5t@gte.net>
- 15) Fair Radio BC-348 connectors
by "Thomas A. Adams" <103360.2133@compuserve.com>
- 16) Re: SELENIUM RECTIFIERS
by Ed Tanton <n4xy@bellsouth.net>
- 17) Re: AM VS. DSB
by Ken Gordon <keng@uidaho.edu>
- 18) HP catalog
by Randy Zelick <h2rz@odin.cc.pdx.edu>
- 19) [MilComm] R-1051* FAQ being compiled
by Tom Norris <badger@telalink.net>
- 20) Re: National Union NL-716 toob
by jackiv@juno.com (John M Iverson)
- 21) Re: What's A VT-52?
by jackiv@juno.com (John M Iverson)
- 22) What part of "NO" are you all not getting?
by listown@jackatak.theporch.com (List Admin/Owner Radio Mail Lists)
- 23) FS: Vintage Manuals
by "William C. Robbins" <billrobb@net-link.net>
- 24) Re: WANTED INFO ON CHICAGO XMTR!!!
by Paul Bernhardt <bern@ppdu.nrl.navy.mil>

Date: Wed, 19 Nov 1997 13:23:09 -0600 (CST)
From: DEE ALMQUIST <w4pnt@rica.net>
To: boatanchors@theporch.com
Subject: FS/TRADE 801A, 866A & 6080
Message-ID: <199711191923.NAA14364@sco.theporch.com>

Hi Gang

Some one a while back was looking for a tube 10-Y for a mil tx. Well, did some looking and found the 801A is said to be replacement for that bottle. By chance I found 2 used but good RCA 801As last week. \$25ea.w/guarantee. Are these used in the BC375??

I want to move all my 866s, NOS @ \$5.ea. Have number of good used 866s that will include free with new 866s.

I have abt 25+ Jan NOS 6080s. I want them to all go away! \$3.ea. Fix up that Tech 535 or 545 or HP generator.

Will trade above towards Johnson Ranger/stuff...

73

Dee

Patty, KA4EKK & Dee, W4PNT

Patty and Dee's Marina, collectors of Drake, Johnson, Collins, RCA, Hammarlund, homebrew and other heavy metal. ALL HOBBY....WE'RE RETIRED!

(540)249-3161 Fax: (540) 249-5064
534 W. Main St. Waynesboro, Va. 22980

Date: Wed, 19 Nov 1997 14:26:01 -0800
From: Gene Katz <gkatz@motown.lmco.com>
To: boatanchors@theporch.com
Subject: Possible ripoff of a Large German set
Message-ID: <34736779.1FC1@motown.lmco.com>

This is an inquiry more than a major complaint. Does anyone on the list know of a Harvey Nell in CA land, and if so, is he to be trusted? We agreed to exchange radios over a year ago, my dozen tube Grundig for a ten tube Zenith. He got mine but never shipped his to me. He keeps claiming problems from divorce to audits to business, etc.. While I have gotten him on the phone from time to time, he always has an excuse. I've been more than patient. Any dealings or thoughts on him. He buys and has radios restored, including BAs. We've done business in the past, but someone else told me he was not pleased in his dealings with Harvey Nell. Is he a fraud or just super forgetful and under the gun?? 73 de Gene KC6BLD, New Jersey, (609) 866-1189 EST

Date: Wed, 19 Nov 1997 11:46:36 -0800
From: "Ian Abbott" <ian@gene.COM>
To: boatanchors@theporch.com
Subject: FOR TRADE: manuals and control boxes
Message-ID: <9711191146.ZM9920@emerald.gene.com>

Hello-

I've got the following things that I'd like to trade for ARC-3 manuals and/or control boxes.

1. TM 5820-357-35 Field and Depot Maintenance R-390 dated 9 MAR 62
Original manual; about 180 pages, many fold-outs, all pages excellent.
Stapled, not bound- front cover fair- some dirt; back cover missing.
2. TM 11-600 Radio Sets SCR-508, SCR-528, AN/VRC-5
Original manual, fold-out schematics, all pages excellent, cover good.
3. C-744/ARC-5 Control Box
Remote volume and tuning for 200-550 KC, fits in "modular" control box rack
I have two of these, one in good condition and one in fair condition

What I'm looking for are operation and maintenance manuals and control boxes for the ARC-3 VHF set. Combinations of trade and cash (either way) OK as well.

Cheers!

IEA

--

Ian E. Abbott KC6UPT ian@gene.com <http://www.wenet.net/~planenut>
This is a *personal* message which does *not* represent my employer.

Date: Wed, 19 Nov 1997 12:38:50 -0800
From: "W6WUH Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: Bye and Bye dat radio she's gonna come
Message-ID: <199711192039.MAA00206@shell.wco.com>

Hey if a month from now aint good enough... call the radio finder !

But please don't complain about the cost !!

Date: Wed, 19 Nov 1997 12:48:56 -0800
From: Ethan Emeson <ethan@olywa.net>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: What's A VT-52?
Message-ID: <347350B8.12A01D6F@olywa.net>

It's a "45 special", with the major difference being a 6.3V filament (though WE brand and supposedly sylvania used 7V!?). Apparently used in just a few aviation radios, and prized by modern glass audio builders.

Ethan

Date: Wed, 19 Nov 1997 12:50:02 -0800
From: "W6WUH Larry" <rau@wco.com>
To: "boatanchors" <boatanchors@theporch.com>
Subject: No more wives,fowler,ad nauseum
Message-ID: <199711192050.MAA03766@shell.wco.com>

I retch !

Date: Wed, 19 Nov 1997 16:03:26 -0800
From: Michael Hanz <AAFRadio@erols.com>
To: boatanchors@sco.theporch.com
Subject: National Union NL-716 boob
Message-ID: <34737E4E.5589@erols.com>

Anyone have specs on this thing? Looks like a slightly overgrown 801 or 10Y.

--

Mike Hanz KC4TOS

Date: Wed, 19 Nov 97 13:17:07 PST
From: Jay Coward <jayc@hpcmr42.sj.hp.com>
To: boatanchors@theporch.com
Subject: ripped
Message-ID: <9711192117.AA04999@hpcmr42.sj.hp.com>

I'm abit ripped to have my digest filled with complaints.

The person who thinks he was ripped off must have had a valid address if he sent \$. Shows a bit of irresponsibility to loose it.

MHO only.

Jay

Date: Wed, 19 Nov 1997 16:21:58 -0500 (EST)
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
To: boatanchors@theporch.com
Subject: AUDIBLE DIFFERENCES
Message-ID: <9711191621.aa16587@pcusa01.ecunet.org>

John Ward wrote:

> All true, but we can hear more than conventional measurements suggest.
> Several years ago I got a call from a client with a recording studio. He
> told me one channel of one of his tape recorders sounded too bright;
> would I come check it for out him? I did, and found that channel's
> response was ruler flat to 10,000, then rose to about plus 2 db at
> 12,000. For the heck of it, I measured my client's hearing with steady
> tones: he couldn't hear a thing above 7,000! Yet he knew that tape
> recorder was out of whack. This happened several different times over a
> period of years; he would complain of a minor response problem above
> 10,000, and he was always right! I have read of other documented cases
> like this.

The answer is quite simple.

A rolloff in amplitude vs. frequency response at 10 kHz will have audible (and visible, on an o'scope) effects well below 10 kHz, yes, easily at 7 kHz.

This rolloff will alter phase vs. frequency response quite a bit below 10 kHz, how far down in frequency depends on the exact rolloff contour.

This non-linear phase vs. frequency characteristic distorts (changes) the waveform of signals having fundamentals way below, say in this case, 10 kHz, especially those of a transient nature. Our ears quickly (in mSecs) identify what they're hearing based on analyzing the attack side of a transient.

If that's been altered, our ear/brain will know it very quickly.

All this also has to do with measuring a device's frequency response by looking at its rise time--this technique is routinely used on o-scopes & amps. But it has several caveats & must be used with care, it's not

always necessarily accurate.

-John Sehring (Wed, Nov 19, 1997 11:56 am MT @Baker, Montana) UCC WB2EQG

Date: Wed, 19 Nov 1997 16:22:02 -0500 (EST)
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
To: boatanchors@theporch.com
Subject: AM REPEATERS
Message-ID: <9711191622.aa16619@pcusa01.ecunet.org>

To: boatanchors@theporch.com

The Idaho 10m AM repeater of the late '70s was not plagued by hetrodynes.

(My notes from 5/80 show it belonged to W7UF0(!), Boise, ID, 29.55 in, 29.65 out, tx = plate-modulated DX-60, rx = converted Hy Gain CB, easy access with 10 W from NJ.

Also, AM on .53 in/.63 out, in Williamson, SC owned by WB4AFP & N4JK.)

It's not like 2m down there on 10. True, when the band is open, there is an awful lot of oddball QRM & stuff swooshing & sweeping around giving any squelch circuit a heavy workout. Even the most sophisticated FM repeaters on 10m are not immune to it. Good thing to do was to logically AND FM quieting with frequency (for off-channel indication) in the squelch ct. to keep junk out.

-John Sehring (Wed, Nov 19, 1997 12:19 pm MT @Baker, Montana) UCC WB2EQG

Date: Wed, 19 Nov 1997 16:22:03 -0500 (EST)
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
To: boatanchors@theporch.com
Subject: SELENIUM RECTIFIERS
Message-ID: <9711191622.aa16641@pcusa01.ecunet.org>

To: boatanchors@theporch.com

When I replace a selenium (or vacuum tube, gasp!) rectifier, I use a series resistance such that I get the same B+ as before.

Is this too simple, or what?

-John Sehring (Wed, Nov 19, 1997 12:58 pm MT @Baker, Montana) UCC WB2EQG

Date: Wed, 19 Nov 1997 16:22:05 -0500 (EST)
From: JOHN_SEHRING.parti@ecunet.org (JOHN SEHRING)
To: boatanchors@theporch.com
Subject: AM VS. DSB
Message-ID: <9711191622.aa16667@pcusa01.ecunet.org>

To: boatanchors@theporch.com

DSB (no carrier) will not sound right unless the reinsterted carrier (from the rx's BFO) supplies the correct frequency AND the correct phase of the missing carrier.

Getting the freq close is easily done, exact is very tough but getting the phase exactly right requires phase locking the BFO (or whatever rx oscillator) to the incoming signal without the benefit of any carrier. It can be done but takes a lot of circuitry!

It's one reason why the military chose SSB (from Collins) over DSB (from G.E.) in the mid 50's. G.E.'s Costas wrote a bit about this all. BTW, DSB is a form of spread spectrum modulation which gives it certain QRM immunity.

-John Sehring (Wed, Nov 19, 1997 1:01 pm MT @Baker, Montana) UCC WB2EQG

Date: Wed, 19 Nov 1997 14:44:23 -0700 (MST)
From: BOB RAGAIN <RAGAIN@hubvx6.sedalia.wireline.slbb.com>
To: boatanchors@theporch.com
Cc: RAGAIN@hubvx6.sedalia.wireline.slbb.com
Subject: On the air with separate Rx and Tx
Message-ID: <971119144423.3ea5b547@hubvx6.sedalia.wireline.slbb.com>

Hello BA-ites,

Tony, N8SNC, recently asked about running a separate transmitter and receiver on the air. Many on this list are more qualified than I am but I just went through this process for the first time in 25 years, so here is how I did it.

A few nights ago I got an HT-32 transmitter going for it's first time in years. Erik, KC0ALS, had picked up this transmitter to go with his SX-101, found it had a bad transformer, then managed to find a replacement (miracles do still happen!). That, and a lot of troubleshooting help from Al Fritsche (thanks again Al!) resulted in a working HT-32.

The receiver I wanted to use it with is an R-390A. So, the basic steps

were:

Look at the manuals and determine the best way to initiate the switch from receive to transmit:

- a) how to switch the transmitter into transmit mode
- b) how to switch the receiver into standby
- c) how to switch the antenna

Ideally, all that would happen with one click of a switch or with VOX action in the transmitter.

The transmitter (HT-32) has a STANDBY-MOX-CAL-VOX switch which controls the transmitter and also controls some contacts on a rear panel AUX socket.

That HT-32 socket can be wired for switching normally open or normally closed. In my case, I wanted the NO contacts to close when I switched the HT-32 to transmit. Those contacts control a coaxial relay which switches the antenna from the receiver to the transmitter. Those contacts are passive (don't provide switching voltage) so an external power source was wired in series with the relay coil and the HT-32's switching contacts. That PS must provide the coil voltage of the coaxial relay.

The coaxial relay also has an SPDT auxiliary set of contacts which can be used to control the receiver.

The R-390A has a BREAK-IN contact on the back panel which needs to close to ground to mute the receiver. There is also a switch on the front panel which enables this action (Break-in ON). All that needed to be connected was a pair of wires from that Break-in connector, and ground, over to the auxiliary relay contacts, to the NO (normally open) pair.

Now, switching the HT-32 into MOX (manual transmit) mode, or tripping the VOX, also switches the antenna and receiver. Simple.

Not only that, the HT-32 has a CAL position which provides a weak (knob level controllable) RF output to the antenna connector which can be heard in the un-muted receiver to get them both on the same frequency.

A word about coaxial relays: You don't absolutely have to use a coaxial relay to do the TR switching. Any available relay with rather wide-spaced contacts could do the job at HF. You'll just have to solder coax to it instead of having the convenience of having connectors.

Tony, hope this helps. Please email me if you have trouble locating a suitable relay.

73,

Bob

PS, does anyone know of an active AM boatanchor frequency on 75 or 40 meters that's in the General class band? (I know about 3885 kHz).

Bob Ragain WB4ETT Littleton, CO

<Date: Tue, 18 Nov 97 10:55:27 EST
<From: "Tony J. Schroeder" <tony@bright.net>
<To: boatanchors@theporch.com
<Subject: Assitance, Please: HT37 - SX101A
<Message-ID: <52470.tony@bright.net>
<
<...chop...
<I've never run a separate rx/tx pair before (excepting the R-4B/T-4XB,
<which is designed for transceive), and am looking for advice on the best
<method of antenna changeover. A Dow-Key relay would be ideal, but I don't
<own one, and I'm sure other methods exist. Recommendations?
<...chop...

Date: Wed, 19 Nov 1997 15:54:47 -0600
From: "Grant Youngman" <nq5t@gte.net>
To: boatanchors@theporch.com
Subject: Re: AM VS. DSB
Message-ID: <199711192200.QAA17180@smtp2.mailsvcs.net>

> DSB (no carrier) will not sound right unless the reinsterted carrier (from
> the rx's BFO) supplies the correct frequency AND the correct phase of the
> missing carrier.

Well.... yes and no. If you are listening to DSB(SC) at a relatively wide bandwidth with the BFO centered in the passband, this is true.

But if you tune in a DSB signal in a typical receiver with good filter skirts designed for SSB reception with the BFO set for one edge of the passband, you can't really tell the difference between DSB and SSB. Reason of course is that one of the sidebands is greatly suppressed in the receiver.

In the dark past (oh, 1960 or so), I built a high level DSB kluge of a transmitter using a pair of 6146's and other stuff laying (total

incremental cash outlay -- exactly \$0.00). Ran it for a year or so and never had anyone notice that I wasn't on an SSB rig.

Grant/NQ5T
Grant Youngman -- NQ5T
nq5t@gte.net
HTTP://home1.gte.net/nq5t
Double Oak, TX (near Dallas)

Date: Wed, 19 Nov 1997 17:01:20 -0500
From: "Thomas A. Adams" <103360.2133@compuserve.com>
To: BOATANCHORS <BOATANCHORS@theporch.com>
Subject: Fair Radio BC-348 connectors
Message-ID: <199711191702_MC2-28D3-5A0C@compuserve.com>

Greetings, Troops.

When I saw the message last week about BC-348 power connectors, I was on the phone early in the morning, and ordered three of them. The UPS guy just pulled away after dropping them off.

I didn't really expect too much, like maybe some used cut-offs, but still usable versions of a very hard to find connector. Boy, was I ever wrong!!!

Ladies and gentlemen, these things are absolutely BEAUTIFUL!!! They're brand new / NOS, and unused, PL-Q103 connectors (the kind with the 90 degree angle cable entrance fitting). There is some minor storage wear (the shells could use a quick spray of black wrinkle for the purists in the crowd), but otherwise they're GREAT! Even when I was a surplus hound back in the '60s, I never saw one of these new, and not very many in any other condition.

Hopefully, I now have enough of them to fulfill my BC-348 needs for quite some time.

If you other BC-348 aficionados haven't ordered yet, DO IT NOW!!! I doubt you're gonna find these critters, in this condition, ever again.

73's,

Tom, K9TA

To: Grant Youngman <nq5t@gte.net>
Cc: Old Tube Radios <boatanchors@theporch.com>
Subject: Re: AM VS. DSB
Message-ID: <Pine.BSF.3.95.971119145334.5162B-100000@piobaire.mines.uidaho.edu>

> In the dark past (oh, 1960 or so), I built a high level DSB kluge of
> a transmitter using a pair of 6146's and other stuff laying (total
> incremental cash outlay -- exactly \$0.00). Ran it for a year or so
> and never had anyone notice that I wasn't on an SSB rig.

About the same time I ran a Globe King 500C using AM on our state SSB net. I was VERY careful to exactly zero-beat the NCS and any station I handled traffic with. I also used a foot-switch and tried to emulate VOX as much as possible. It took about 3 months of this before someone called me on the net frequency and said, "OM, you have quite a bit of carrier in there." My reply was, "Boy, I'd BETTER have!" There was a short pause of disbelief and then he said, "Are you running AM!?!?!"

Hee hee!!!

Ken W7EKB

Date: Wed, 19 Nov 1997 15:13:41 -0800 (PST)
From: Randy Zelik <h2rz@odin.cc.pdx.edu>
To: Posting Boatanchors <boatanchors@theporch.com>
Subject: HP catalog
Message-ID: <Pine.PTX.3.91.971119150832.11095A-100000@odin.cc.pdx.edu>

Hi folks,

I just got my annual send-it-back-to-get-98-HP_catalog postcard. Even though I don't order much from HP I always get their catalog as it is a valuable resource for instrumentation, and I now have a nice collection of catalogs going back to BA days.

Well this year they also included a second postcard to fill out for a colleague. If you have a legitimate sounding business address and want the upcoming HP catalog, send an email to me with your work address info and I'll fill out the postcard for you.

If there is more than one response, I'll make a random choice from the first 10 respondents.

Cheers,

=Randy=

R. Zelick
Dept. Biology
Portland State University
P.O. Box 751
Portland, OR 97207
503-725-3086 (voice), 503-725-3888 (fax)
email: h2rz@odin.cc.pdx.edu
web: <http://odin.cc.pdx.edu/~h2rz/>

Date: Wed, 19 Nov 1997 18:57:24 -0600
From: Tom Norris <badger@telalink.net>
To: (Recipient list suppressed)
Subject: [MilComm] R-1051* FAQ being compiled
Message-ID: <3.0.3.32.19971119185724.02ea19cc@telalink.net>

I was asked to post this for comments on the BA list.
Tom has his 390 et al lists. Nolan is looking to start one
for the R-1051* series. Any takers?
Respond to Nolan, (nlee@communique.net), not to me.

Tom

>There's an abundance of ref. material available on the net for the R-390A.
>There's NOTHING available for the R-1051* series. It's past time.....
>
>I'm in the process of compiling an FAQ on the R-1051* series of receivers.
>I need input from people on the receivers and manuals.
>
>The main thing that I'm working on right now is a parts interchange
cross-ref.
>It'd be nice to know if the IF/Audio Amp module out of the common "B" model
>will work in your "H" model, before you order one, wouldn't it?
>
>If you'd like to help with this project, what I need is the following "sheet"
>filled out and emailed back to me for each R-1051* that you own. I know, it's
>a pain but it'll help all of us.
>
>Model:
>Contract No:
>Serial No:

>Contract No:
>Mfr:
>
>Does it work OK?:
>
>Receiver Main Frame (Chassis) No:
>
>Mode Selector FSN, ASSY Number, and Serial No:
>
>IF/Audio Amp Modules FSN's, ASSY Numbers, and Serial No's:
>
>RF Amp (turret) FSN, ASSY Number, and Serial No:
>
>Frequency Standard FSN, ASSY Number, and Serial No:
>
>Translator/Synthesizer (6 pack assembly) FSN, ASSY Number, and Serial No:
>
>1 MHZ Synthesizer FSN, ASSY Number, and Serial No:
>
>100 kHz Synthesizer FSN, ASSY Number, and Serial No:
>
>1 and 10 kHz Synthesizer FSN, ASSY Number, and Serial No:
>
>500/100 Hz(depending on model)Synthesizer FSN, ASSY Number, and Serial No:
>
>Spectrum Generator FSN, ASSY Number, and Serial No:
>
>RF Translator FSN, ASSY Number, and Serial No:
>
>Code Generator #of PC boards, FSN, ASSY Number, and Serial No:
>
>Power Supply Circuit Board FSN, ASSY Number, and Serial No:
>
>Value of the two octal plugging filter capacitors:
>
>Values of the two filter chokes and the power transformer:
>
>Receiver model, publish date and Navy/AF manual number, and number of pages
>for any R-1051 series manuals that you have:
>
>Anything else you think that I missed <grin>:
>
>Comments (other than "get a life!":
>
>Also, would you like your name and email address to appear in the
>FAQ as a ref. source for the particular model(s) that you supplied
>info on:
>

>Yeah, I know, it's a pain in the ass. ;-)
>
>If anyone want to help with specific aspects of the FAQ, feel free to
>jump in. A repair tips section, modifications section, major differences
>between models, etc. will be needed. I've got a color flatbed scanner if
>anyone wants to give a hand with a clean clear closein picture of the
>front panel of the various models. (I can take care of the "B" model picture)
>
>Comments or ideas for other stuff to include?
>
>
>thanks in advance,
>nolan
>
>
>

Please visit The Mil List for info on military communications gear:

[HTTP://www.telalink.net/~badger/millist/mi.html](http://www.telalink.net/~badger/millist/mi.html)

This is a non-comercial endeavor strictly for providing
info for those who have a need for it - and intertainment
for those who dont....

ANY and ALL Contributions Welcome.

Tom Norris KA4RKT

badger@telalink.net Nashville, Tennessee, USA

Date: Wed, 19 Nov 1997 19:36:58 CST
From: jackiv@juno.com (John M Iverson)
To: AAFRadio@erols.com
Cc: boatanchors@theporch.com
Subject: Re: National Union NL-716 toob
Message-ID: <19971119.193700.9886.4.jackiv@juno.com>

Tube Lore says it is a thyratron gas and mercury triode..big filament.
500 PIV 1 amp. aka 6855. 73 jack
Jack Iverson K0EWU jackiv@juno.com RCA QCWA ARCI IEEE,LM ARRL

On Wed, 19 Nov 1997 16:03:26 -0800 Michael Hanz <AAFRadio@erols.com>
writes:

>Anyone have specs on this thing? Looks like a slightly overgrown 801
>or 10Y.

>--

>Mike Hanz KC4TOS

>

>

Date: Wed, 19 Nov 1997 19:11:45 CST
From: jackiv@juno.com (John M Iverson)
To: spetri@e-tex.com
Cc: <boatanchors@sco.theporch.com>
Subject: Re: What's A VT-52?
Message-ID: <19971119.193700.9886.2.jackiv@juno.com>

the vt-52 is a tube developed by Western Electric for a series of
airborne transmitters. basically it is very similar to a 50 with much
higher plate dissipation. the filament was developed to operate from
about 7 to 8 volts.. It is a quite rugged thing,, some call it a 45
special. I guess that is because it would, with that wide range filament
give some output at a much lower voltage. I have used them for years as a
sub for 50s in old radios. work good, the high fi tube nuts have driven
the price

outta sight. I have seen them sold for as high as 90 bucks.. nuff said.

jack

Jack Iverson K0EWU jackiv@juno.com RCA QCWA ARCI IEEE,LM ARRL

On Wed, 19 Nov 1997 12:52:36 -0600 (CST) Spencer Petri <spetri@e-tex.com>
writes:

>?

>Thanks,

>

>

>

>73 de Pete WA5JCI EM21 "the future will be better tomorrow"

>

>.....
> 6 Mtr -- WAS #490, WAC CW, DXCC/91 Countries, VUCC #361/626

>Grids

>

>.....
> 2 Mtr -- 36 States -- VUCC #346/183 Grids

>

>

>

>

>

>

>

>

>

>

>

Date: Wed, 19 Nov 1997 19:58:48 -0600 (CST)
From: listown@jackatak.theporch.com (List Admin/Owner Radio Mail Lists)
To: boatanchors@sco.theporch.com
Subject: What part of "NO" are you all not getting?
Message-ID: <199711200158.TAA27374@jackatak.theporch.com>

Gang-

Last polite word on this subject...

What part of "NO" is everyone having trouble understanding?????

The topic of rip-offs, problems with sales, former significant others
('cuz women have problem with their ex's too ;^) and all that has

* N O T H I N G A T A L L *

to do with boatanchors, and the line in the sand is drawn... next toe
over is *NOT* coming back...

Clear?

I hope so.

Let's get back to radios and take this gossip and other crap to the
alt.* hierarchy in the newsgroups, or someplace else... NO MORE
HERE!!!!!!

Sheesh!

--

73

Jack, W4KH/Mobile - - - Mailing List Archiver/Owner - - -
listown@jackatak.theporch.com - "Plus ca change, plus c'est la meme chose"

Date: Wed, 19 Nov 1997 21:13:47 -0500
From: "William C. Robbins" <billrobb@net-link.net>
To: boatanchors@theporch.com
Subject: FS: Vintage Manuals
Message-ID: <199711200213.VAA07560@serv01.net-link.net>

The following original manuals are for sale. Prices include shipping.

Drake FS-4 Freq Synthesizer	\$7
Drake 34-NB Noise Blanker Kit	12

Technical Materiel Corp. Service		
Bulletin #205	\$5	
Technical Materiel Corp.		
GPR-90 Receiver	17	
Technical Materiel Corp.		
GSB-1 SSB Adapter	17	
Galaxy R-530	20	
Galaxy R-530 Sales brochure	5	
James Millen Mfg 3 sets of lit.		
for 90831 Modulator,		
90281 HV Power supply	5	
Knightkit 83 YU 726 Receiver	15	
Knightkit Sig Tracer 83Y135	10	
Central Electronics Sideband		
Slicer A & B	15	
Central Electronics Sideband		
Slicer A	10	
National NC-173	20	
National NCL 2000	20	In the original National mailing envelope
National NC-300	20	
National NC-300CI Converters	10	
National NC-190	10	
National NCX-5	20	In the original National Mailing envelope
National VX-501 VFO Console	15	
Hallicrafters HT-37	17	
Hallicrafters HT-45	17	
Hallicrafters FPM-300	15	Rough condition
Hallicrafters SX-117	20	
Hallicrafters S-19R	15	
Collins KWM-1	35	Some tears, average condition
Collins 136B-2	25	
Collins KWM-2	30	
Gonset GPP-1 Phone Patch	7	
Gonset 220 MC Communicator IV	17	
Gonset GSB-201	20	In the original Gonset Envelope
Hammarlund HX-500	25	
Hammurlund HQ-140X	15	
Hammarlund HQ-145X	10	HiManual copy
Swan 300B	17	
Swan TV-2	15	
Swan 250C	17	
Swan 1040 V Trap Vertical	15	
Swan 700-CX	15	
Swan TV-2B	15	
Swan Hybrid Phone Patch	5	
Swan 600R	17	
Atlas 350 XL	20	

Bill

Heathkit Collector
WA8CDU formally WN8CDU

Date: Wed, 19 Nov 1997 21:57:06 -0500 (EST)
From: Paul Bernhardt <bern@ppdu.nrl.navy.mil>
To: Dan Arney <kn6di@groupone.net>
Cc: boatanchors <boatanchors@theporch.com>
Subject: Re: WANTED INFO ON CHICAGO XMTR!!!
Message-ID: <Pine.A32.3.91.971119215029.17538A-100000@ppdu.nrl.navy.mil>

Dan,

The 500-Watt Multiband V.F.O. Transmitter using an 813 output amplifier was originally described in QST for January 1954 with modification in the issues June 1954 and October 1956. It is also described on pages 192-197 of the 1957 ARRL handbook.

There is also a single-tube RF amplifier using the 813 described in the Nov 1954 issue of QST.

I am not sure if either of these are the "Chicago" transmitter.

Sincerely,
Paul Bernhardt

Work: P.A. Bernhardt	Home: Paul Bernhardt, KF4FOR
Code 6794	5704 Ridge View Dr.
Naval Research Laboratory	Alexandria, VA 22310
Washington, DC 20375	
Tel: 202-767-0196	703-960-9656
FAX: 202-767-0631	

On Wed, 19 Nov 1997, Dan Arney wrote:

> Paul Bernhardt wrote:

>

> Hi Paul,

> If you could come with the QST issue it would be great. My cousin has

> one and I am going to trade him a Viking II for it.

> Thanks,

> Hanh KN6DI

>

>

> > Hank,

> > The 1957 ARRL Handbook has an article on a homebrew transmitter that

> > puts

> > out 600 Watts using an 813 in the final. It lists the QST articles

> > the
> > provide the basis for the transmitter. I have this transmitter with
> > power supply but I did not know if it is the "Chicago" transmitter.
> > I can send you a copy of the ARRL Handbook description and provide the
> >
> > QST references when I get home. Please let me know if we are talking
> > about the same design and what information I could send you.
> > Sincerely, Paul Bernhardt
> >
> > Work:P.A. Bernhardt Home: Paul Bernhardt, KF4FOR
> > Code 6794 5704 Ridge View Dr.
> > Naval Research Laboratory Alexandria, VA 22310
> > Washington, DC 20375
> > Tel: 202-767-0196 703-960-9656
> > FAX: 202-767-0631
> >
> > On Wed, 19 Nov 1997, Dan Arney wrote:
> >
> > > Hi Gang I need info on the Chicago xmtr with 813 about 600Watts.
> > Around
> > > 58/59. Who made it where I can locate a picture etc.Have QST's from
> > 22
> > > to present. Been looking no luck
> > > Thanks,
> > > Hank KN6DI
> > > 73's
> > >
> > >
> > >
>
>
>
>

End of BOATANCHORS Digest 1784
